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MORE CEMENT NEEDED  
FOR LARGE CONSTRUCTION PROJECTS

CEMENT INDUSTRY PLEDGES INCREASE IN 1951 -- Moscow, Pravda, 15 Jun 51

The Soviet cement industry is faced with the immense task of satisfying the growing demands of the national economy. The demand for cement by the construction projects of the Kuybyshev, Stalingrad and Kakhovka CES, the Volga-Don Canal, Main Turkmen Canal, South Ukrainian Canal, and North Crimean Canal must be met without cutting down the supply to numerous other construction projects of the country and by increasing cement output.

Cement workers have pledged to produce 32,500 tons of cement above plan in 1951, including the following quantities by regions and plants (in tons):

Ukrainian and Novorossiysk plants 121,000

Including:

"Okt'yabr'" Plant	25,000
"Proletariy" Plant	20,000
Amvrosiyevka Plant	16,000
Kramatorsk Plant	15,000

Volga Region and central regions 92,500

Including:

"Gigant" Plant	10,000
"Bol'shevik" Plant	9,000
Bryansk Plant	20,000

Urals, Siberia and Far East 73,500

Including:

Magnitogorsk Plant	10,000
Nev'yansk Plant	20,000
Spasskiy Plant imeni Stalin	10,000

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Sukhoy Log Plant	7,000	
Kuznetsk Plant	5,000	
Krasnoyarsk Plant	3,000	
Central Asian areas and Kazakhstan		8,900
Transcaucasus		14,500
Including Georgian Plant imeni Stalin	13,000	
Belorussia, Latvia, Estonia, and Leningrad Oblast		22,100
Including:		
Brotseny Plant	6,000	
Pikalevo Plant	5,000	

#### NOVOROSSIIYSK PLANTS EXCEED PLAN -- Moscow, Izvestiya, 26 Apr 51

Novorossiysk cement plants are contributing large quantities of cement for the new canal construction projects. In January 1951, the "Proletariy" Plant produced 17.4 percent of all the cement for the Volga-Don project; in February, 18.4 percent; and in March, 22.8 percent.

In January and February, the plan for cement shipments by Novorossiysk cement plants was exceeded. The March plan for cement deliveries was completed 126 percent in 16 days.

#### PODOL'SK CEMENT PLANT CRITICIZED, LACKS RAW MATERIAL -- Moscow, Pravda, 23 Mar 51

The Podol'sk Cement Plant has not been meeting its plans for cement production. This is due to the shortage of limestone, which is not being delivered by the plant's quarry. The plant is equipped with modern machinery. However, the enterprise started the winter season entirely unprepared, i.e., without any supplies of raw material. During the summer, no stripping operations were performed in the quarry. The plant often failed to supply the quarry with electric power. As a result, hydromonitors were forced to be idle during the summer and autumn for more than 1½ months, during which time no stripping was done.

Since the plant received no limestone from its own quarry, it was obliged to obtain chalk from Belgorod and Bryansk. Deliveries of chalk are very irregular and they cost the plant twice as much as its own raw material.

Early in January, plant director Gugin requested the Ministry of Construction Materials Industry USSR that the first-quarter production plan be reduced. The request was granted and the plan was reduced by almost 20 percent. However, even the reduced plan is not being met. The Ministry and the Main Administration of Cement Industry of the Western Regions are not supervising the Podol'sk Plant in the proper manner. The plant equipment has been badly misused. Repairs are not being made regularly and the machines operate from one breakdown to the next. Automobile transport of raw material is inadequate, the roads are in poor condition, the plant has no proper garage, and repairs of trucks are not made in time.

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SCIENTISTS IMPROVE CEMENT QUALITY -- Moscow, Vechernyaya Moskva, 12 Apr 51

A group of Soviet scientists have developed a new method of improving the quality of cement and concrete by adding small quantities of certain substances which lower surface tension, i.e., specially processed waste products of some industries. Experiments have shown that this method considerably increases the strength and water resistance of the cement mixture and also makes it frost resistant. The admixture of these substances protects buildings from the destructive influence of salts contained in water. This is of special importance in the construction of hydrotechnical installations.

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